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By: Masha M. Montrose

PATENT

Attorney Docket No. 20843-002110US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ROCKY R. ARNOLD, *et al.*

Application No.: 10/664,838

Filed: September 17, 2003

For: EQUIPMENT AND METHODS
FOR PRODUCING CONTINUOUS
METALLIZED
THERMOFORMABLE EMI
SHIELDING MATERIAL

Examiner: Dameon E. Levi

Art Unit: 2841

**INFORMATION DISCLOSURE
STATEMENT UNDER
37 CFR §1.97 and §1.98**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references cited on attached forms PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with the USPTO waiver of the requirement under 37 CFR §1.98 (a)(2)(i) for submitting copies of the cited U.S. patents and U.S. patent publications for all patent applications filed after June 30, 2003, applicants have not submitted copies of the cited U.S. patents and patent publications, references AA-AV. Copies of non-patent literature, references AW-BX, are enclosed.

Also enclosed is a copy of the International Search Report corresponding to the related PCT application.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance. Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Dated: 11/2/04

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | Complete if Known | | |
| | | | Application Number | 10/664,838 | |
| | | | Filing Date | September 17, 2003 | |
| | | | First Named Inventor | Arnold, Rocky R. | |
| | | | Art Unit | 2841 | |
| | | | Examiner Name | Dameon E. Levi | |
| Sheet | 1 | of | 3 | Attorney Docket Number | 020843-002110US |

| U.S. PATENT DOCUMENTS+ | | | | | |
|------------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number Kind Code ² (if known) | | | |
| | AA | US-3,620,872 | 11/16/1971 | Backwell | |
| | AB | US-4,329,196 | 05/11/1982 | Rawlinson | |
| | AC | US-4,423,106 | 12/27/1983 | Mahn | |
| | AD | US-4,824,506 | 04/25/1989 | Hoerner et al. | |
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| | AT | US-6,768,654 | 07/27/2004 | Arnold et al. | |
| | AU | US 2001/0028558 A1 | 10/11/2001 | Rapp et al. | |
| | AV | US-2001/0033478 | 10/25/2001 | Ortiz et al. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--------------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|---|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
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| Examiner Signature | | Date Considered | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
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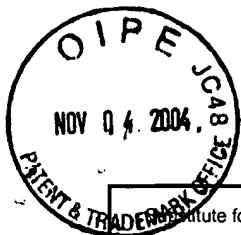
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| Sheet | 2 | of | 3 | Attorney Docket Number | 020843-002110US |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | AW | Li/Lyle Industries, "Where Ideas Take Shape," product information. | |
| | AX | Adams; <i>Taking the Mystery Out of Metallizing</i> , Vacuum Technology (November 1975) Technical Publishing Company, 4 pages total. | |
| | AY | Adams; <i>Taking the Mystery Out of Metallizing-II</i> , Vacuum Technology (December 1975) Technical Publishing Company, 3 pages total. | |
| | AZ | Adams; <i>Taking the Mystery Out of Metallizing-III</i> , Vacuum Technology (February 1976) Technical Publishing Company, 4 pages total. | |
| | BA | Gabower, <i>Thermoformed Vacuum-Metallized Inserts For EMI Shielding</i> , ITEM (1995) The International Journal of EMC, Robar Industries, Inc., pp. 120, 122, 123, and 127. | |
| | BB | Gabower, <i>Thermoformed Vacuum Metallized Inserts For EMI Shielding of Electronic Devices</i> , Consumer Electronics Show, Flamingo Hilton and Tower, Las Vegas, Nevada, pp. 151-158. | |
| | BC | Gwinner, <i>Vacuum Evaporated Aluminum for Selective Shielding of Plastic Housings</i> , ITEM (1993) The International Journal of EMC, Robar Industries, Inc., pp. 138, 140, 290, 292, 294, and 296. | |
| | BD | Hasler, <i>Electroplating and Vacuum Metalizing</i> , Galvanotechnic (1984) Volume 2, 5 pages total. | |
| | BE | Kimmel et al., <i>Shielding for EMI control...and how to do it right</i> , EDN (January 20, 1994) pp. S59-S69. | |
| | BF | Leonard, <i>What's Hot and What's Not in EMI Shielding of Plastics</i> , Plastics Design Forum (March/April 1993) pp. 32-35. | |
| | BG | Smock, <i>Trend to Lower Cost Resins Will Accelerate</i> , Plastics World (April 1995) 1 page total. | |
| | BH | Rigney, <i>Vacuum Coating</i> , pp. 387-388, 390-410. | |
| | BI | Chomerics, Inc., <i>EMI Shielding for Commercial Electronics</i> (1994) pp. 4-5, 30-33. | |
| | BJ | Concise Encyclopedia of Polymer Science & Engineering, John Wiley & Sons, (1990) ISBN 0-471-51253-2, pp. 446-746, 1192-1195. | |

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| Examiner Signature | | Date Considered | |
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



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|---------------------------------|-----------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | BK | Holland, <i>Degassing of Plastic Materials/Plasticizers</i> , Vacuum Deposition of Thin Films, Chapman & Hall Ltd., London (1966) pp. 46-47, 52-53. | |
| | BL | <i>EMI Protection in Consumer Portable Products</i> , Electronic Packaging and Production (March 1994) pp. 40-44. | |
| | BM | Grerg et al., <i>Machinery's Handbook</i> , , Industrial Press, New York (1976) pp. 2299-2301. | |
| | BN | <i>EMI/REI Shielding Guide</i> , General Electric Plastics Co. pp. 1-50. | |
| | BO | <i>Vacuum Metallizing Electrical Problems</i> , TIPS, Midwest Tungsten Service (1986) 2 pages total. | |
| | BP | <i>6100 Thermoformable EMI-Shielding Material</i> , Minnesota Mining & Mfg. Co. (1994) 2 pages total. | |
| | BQ | <i>Orion® Designs Economical EMI Shielding Box Without Cutting Corners</i> , Product Brochure, Orion® Industries Incorporated, 1 page total. | |
| | BR | <i>New Solutions for the Electronic Age</i> , Placon Corp., Madison, Wisconsin, Sales Brochure, 1 page total. | |
| | BS | <i>Silver-Coated VALOX FR-1 Film Provides Shielding For Circuit Breakers</i> , GE Films in Action (June 1994) General Electric Co., 1 page total. | |
| | BT | <i>Style CBS Circuit Board Component Shielding - Design Guide 4</i> , Product Brochure, Leader Tech., Tampa, Florida, 2 pages total. | |
| | BU | <i>Ultrasonic Welders Advance Clamshell-Sealing Process</i> , Packaging (October 1994) pp. 78-21. | |
| | BV | Vacuum Platers, Inc. (VPI), Product Brochure, 4 pages total. | |
| | BW | <i>EMI/RFI Products EE-Evaluation Engineering</i> (April 1995) pp. 64. | |
| | BX | <i>Silver Shielding for the Highest Performance</i> , Swift Textile Metalizing Corporation, ITEM (1995) pp. 11, 15, 109, 112, 113, 115, 116, 212, 213, 267, 269. | |

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